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ABSTRACT OF THE DISCLOSURE

To provide a method of efficiently removing
excitation light in a device for measuring fluorescence
emitted from samples on a measuring surface of a
5 substrate while illuminating the samples with
excitation light.

The method is a fluorometry characterized in that
an excitation light illumination portion where the
samples are illuminated with the excitation light and a
10 light detecting portion where measurements are made of
the fluorescence are placed in such a manner as to make
it possible to prevent the excitation light from
approaching the light detecting portion, and

measurements of the fluorescence emitted from the
15 samples on the measuring surface of the substrate are
made in such a manner as to relatively move the samples
from the excitation light illumination portion to the
light detecting portion after illuminating the same
with the excitation light.

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